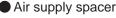
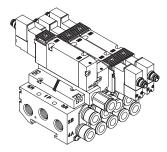
Related products





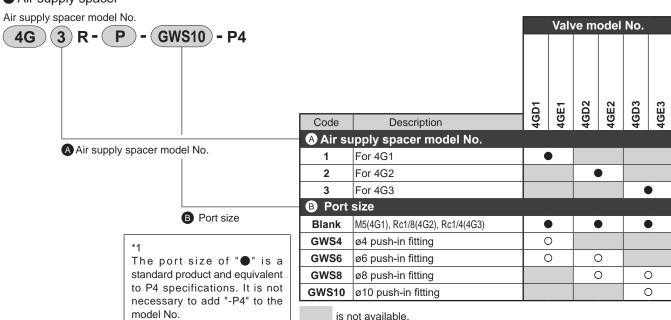
Specifications

Model	P →	A/B	A/B	→R	Woight a
No.	C(dm³/(s·bar))	b	C(dm³/(s·bar))	b	Weight g
4G1	0.70	0.23	0.93	0.16	8
4G2	1.6	0.17	1.8	0.16	35
4G3	2.6	0.22	3.1	0.14	56

^{*1:} Values are when a valve is mounted.

How to order discrete units

Air supply spacer



Accessories: 2 Mounting screws, 2 PR check valves, 1 body gasket

A Precautions for model No. selection

*2: Blank, 1 M5 2 Rc1/8 3 Rc1/4. In addition, they are equivalent to P4 specifications as standard. It is not necessary to add "-P4" to the model No.

^{*2:} Effective cross-sectional area S and sonic conductance C are converted as S ≈ 5.0 x C.

^{*3:} Specify the air supply spacer mounting position and quantity on the manifold specifications sheet of each catalog.

^{*4:} Combination with the masking plate is not supported.

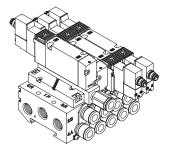
^{*5: 4}G4 air supply spacers are made to order products. Contact CKD Sales for details.

M4GD1 to 3, M4GE1 to 3 *0EJ/EX Series

Related products

Related products

Exhaust spacer

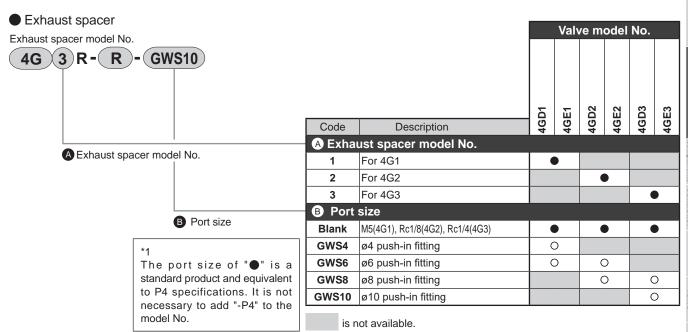


Specifications

Model	P →	A/B	A/B	→R	Weight a
No.	C(dm³/(s-bar))	b	C(dm³/(s·bar))	b	Weight g
4G1	0.94	0.28	0.68	0.33	7
4G2	1.5	0.24	1.9	0.24	34
4G3	3.4	0.21	2.9	0.27	58

^{*1:} Values are when a valve is mounted.

How to order discrete units



Accessories: 2 Mounting screws, 2 PR check valves, 1 body gasket

Precautions for model No. selection

*2: Blank, ① M5 ② Rc1/8 ③ Rc1/4. In addition, they are equivalent to P4 specifications as standard. It is not necessary to add "-P4" to the model No.

P4 Series

^{*2:}Effective cross-sectional area S and sonic conductance C are converted as S ≈ 5.0 x C.

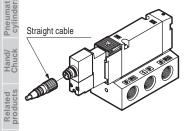
^{*3:} Specify the exhaust spacer mounting position and quantity on the manifold specifications sheet of each catalog.

^{*4:} Combination with the masking plate is not supported.

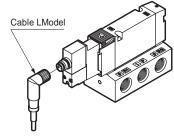
^{*5: 4}G4 exhaust spacers are made to order products. Contact CKD Sales for details.

Related parts

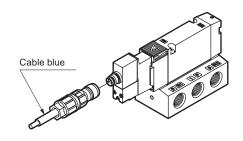
M8 connector cable



Straight cable (R1)



L-type cable (R2)



Straight cable (R3)

◆Cable Capacitance and Inductance

Туре	Capacitance [nF/m] at 1kHz	Inductance [mH/m] at 1kHz
Straight (R1)	0.058	0.003
L type (R2)	0.125	0.003
Straight (R3)	0.065	0.002

◆Minimum bending radius of cable

Туре	No load [mm]	With load [mm]
Straight (R1)	20.0	36.0
L type (R2)	23.5	42.3
Straight (R3)	20.0	-

4GEX - M8CC	- R1) - (30	00
	A Direction B L	_ength

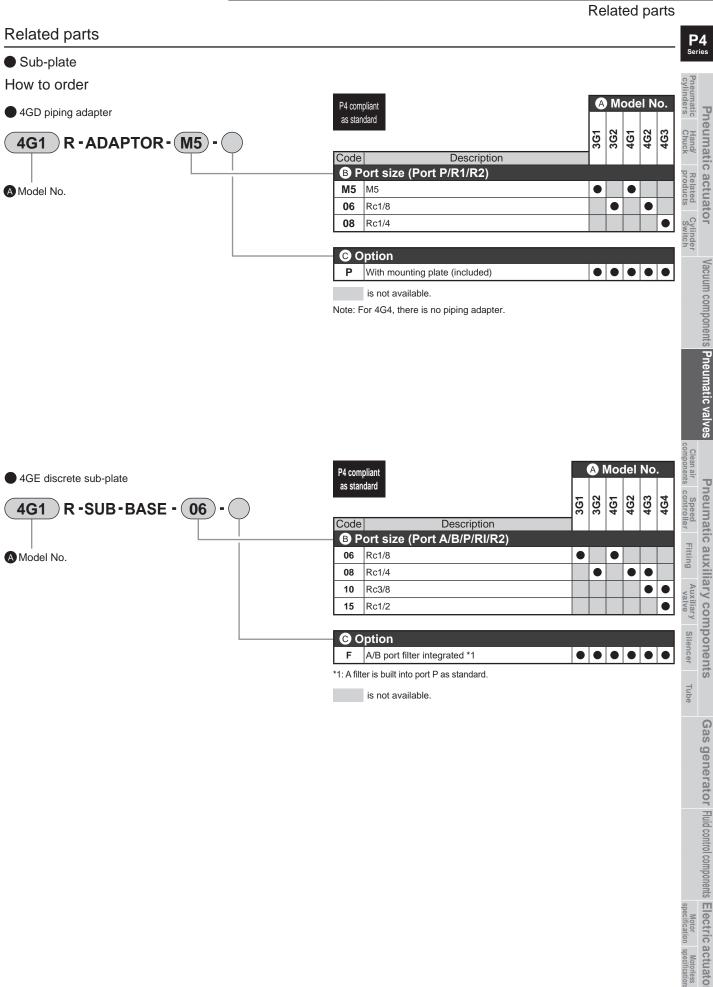
A Direc	ction	4G1	4G2	4G3	4G4
R1 *1	Straight cable (color: gray)	•		•	
R2 *1	L type cable (color: black)	•		•	
R3 *2	Straight cable (color: blue)		•	•	

B Leng	th
300	Cable length 300mm
500	Cable length 500mm
1000	Cable length 1000mm
3000	Cable length 3000mm

^{*1:}R1 and R2 types come with a blue marker for identification.

^{*2:} Available as made to order.

M4GD1 to 4, M4GE1 to 4*0EJ/EX Series

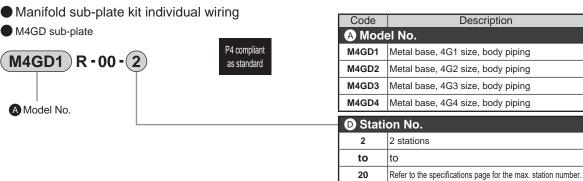


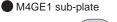
M4GD1 to 4, M4GE1 to 4*0EJ/EX Series

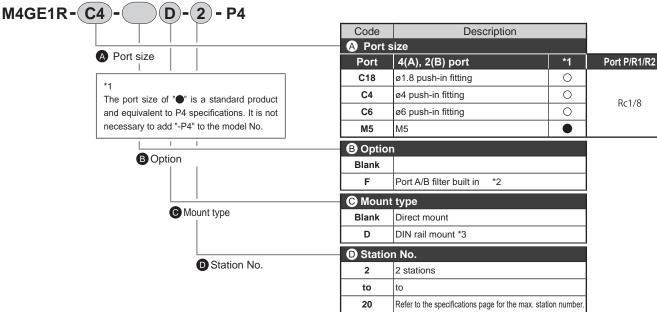
Related parts



Related parts

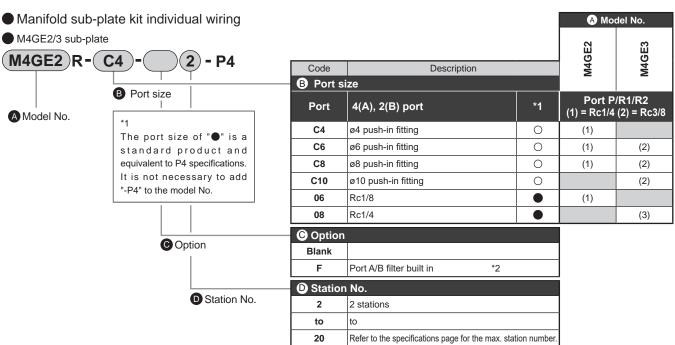






^{*2:} A filter is built into port P as standard.

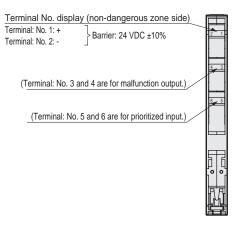
^{*3:} The DIN rail kit needs to be prepared separately.

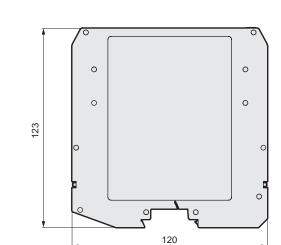


INSULATED EXPLOSION PROOF BARRIER dimensions









Terminal No. display (dangerous zone side) Terminal: No. 8: + Terminal: No. 10: -

*Do not use terminals No.7 and 9, as the working voltage and intrinsic safety parameter will not be satisfied when combined with CKD solenoids.

Supply source: IDEC Co., Ltd. (G.M.I.) Refer to the IDEC or G.M.I catalog or the WEB for detailed specifications and a

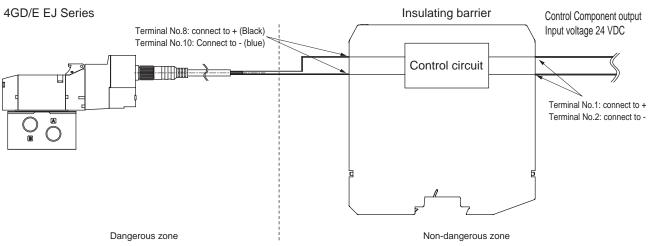
non-judgment document.

Barrier intrinsic safety parameters

Item	Between terminals No. 8-10
Intrinsic safety circuit max. voltage Uo	24.8V
Intrinsic safety circuit max. current lo	108mA
Intrinsic safety circuit max. power Po	667mW
Intrinsic safety circuit allowable capacitance Co	0.113 μF
Intrinsic safety circuit allowable inductance Lo	1.42mH
Operating ambient temperature range	-40 to 70°C

- *1: Always use valves in combination with a barrier.
- *2: Connection terminals are polarized. Take care to prevent incorrect wiring.
- *3: Applicable wire is 0.25 to 2.5mm².
- *4. Recommended terminal tightening torque is 0.5 to 0.6N m.
- *5: Barrier degree of protection is IP20.

About Valve and Barrier Connections



^{*} Voltage equivalent to 12 VDC is supplied to the valve via an insulating barrier.



L2=

* Write an integer multiple of

12.5.

GWP 4-B

4G1R-M5P

Included part

Mounting rail

Motorless Motor specifications specification

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Air supply spacer 4G R-P-																											
Exhaust spacer 4G R-R-																											
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Blanking plug

GWP 8-B

4G3R-08P

GWP 6-B

4G2R-06P

Threaded plug

GWP 10-B

For MOGE10EJ

Push-in fitting tube remover (attached as standard) Not required (check the box)

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	Clean air components	Pı
	Speed controller	neumati
_	Fitting	cauxili
	Auxiliary valve	ary com
	Silencer	ponents
	Tube	S
		Gas
		generator
		Fluid control components
	Motor specification	Electric
	Motorless specifications	actuator

M4	lG₽4Ma	ani	fold specifications sheet								t			_	Date	issu	ied	/	/	/								
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M4G4 individual wiring

Included parts

4G1R-M5P

Motorless Motor specifications specification

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Masking plate 4G [R-MP																													
Air supply spacer 4G R-P-																											Γ		
Exhaust spacer 4G R-R-																													
			-					Blan	king	plug											Fo	or M	G₽1	I□0E	х				
Included parts	GV	VP 4-B			G	WP 6	5-B			GW	P 8-E	3		G	WP	10-B			Push-		•			`	hed as		darc		

4G3R-08P

Threaded plug

4G2R-06P

M4G4 individual wiring M4G 24Manifold specifications sheet Date issued Company Delivery date Contact Quantity set(s) Contact Slip No. Order No. Order No. Manifold model No. M4GP4 0EX-Electrical Solenoid position Port size Station No. Voltage Option Valve installation position 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 Fitting CX Solenoid valve model No. 1 2 3 4 5 6 4G 4 9EX-4G 4 9EX-4G 9EX-4G 9EX-4 4G 4 Masking plate 4G 4-MP Blanking plug GWP 8-B **GWP 10-B GWP 12-B** Included parts Threaded plug 4G4-8 4G4-10 4G4-15